

NASA TV Daily Program Schedule

	Monday - 11/16/2020	
	Eastern Daylight Time	
12 a.m.		12 a.m.
12:30 a.m.		12:30 a.m.
1 a.m.		1 a.m.
1:30 a.m.		1:30 a.m.
2 a.m.		2 a.m.
2:30 a.m.		2:30 a.m.
3 a.m.		3 a.m.
3:30 a.m.		3:30 a.m.
4 a.m.		4 a.m.
4:30 a.m.		4:30 a.m.
5 a.m.		5 a.m.
5:30 a.m.		5:30 a.m.
6 a.m.		6 a.m.
6:30 a.m.		6:30 a.m.
7 a.m.		7 a.m.
7:30 a.m.		7:30 a.m.
8 a.m.		8 a.m.
8:30 a.m.		8:30 a.m.
9 a.m.		9 a.m.
9:30 a.m.		9:30 a.m.
10 a.m.		10 a.m.
10:30 a.m.	Coverage of the Launch of the SpaceX Crew-1 Mission on the "Resilience" Crew Dragon to the International Space Station (Mike Hopkins, Victor Glover, Shannon Walker, Soichi Noguchi; launch scheduled at 7:27 p.m. EST; coverage will be continuous through docking and hatch opening)	10:30 a.m.
11 a.m.		11 a.m.
11:30 a.m.		11:30 a.m.
12 p.m.		12 p.m.
12:30 p.m.		12:30 p.m.
1 p.m.		1 p.m.
1:30 p.m.		1:30 p.m.
2 p.m.		2 p.m.
2:30 p.m.		2:30 p.m.
3 p.m.		3 p.m.
3:30 p.m.		3:30 p.m.
4 p.m.		4 p.m.
4:30 p.m.		4:30 p.m.
5 p.m.		5 p.m.
5:30 p.m.		5:30 p.m.
6 p.m.		6 p.m.
6:30 p.m.		6:30 p.m.
7 p.m.		7 p.m.
7:30 p.m.		7:30 p.m.
8 p.m.		8 p.m.
8:30 p.m.		8:30 p.m.
9 p.m.		9 p.m.
9:30 p.m.		9:30 p.m.
10 p.m.		10 p.m.
10:30 p.m.		10:30 p.m.
11 p.m.	Docking of the SpaceX "Resilience" Crew Dragon and the Crew-1 Crew to the International Space Station	11 p.m.
11:30 p.m.		11:30 p.m.

NASA TV Daily Program Schedule

Tuesday - 11/17/2020

Eastern Daylight Time

12 a.m.	Docking of the SpaceX "Resilience" Crew Dragon and the Crew-1 Crew to the International Space Station	12 a.m.
12:30 a.m.		12:30 a.m.
1 a.m.		1 a.m.
1:40 a.m.	Welcoming Ceremony for the SpaceX "Resilience" Crew Dragon Crew-1 Crew at the International Space Station (Mike Hopkins, Victor Glover, Shannon Walker, Soichi Noguchi) (approximately) - SpaceX Crew-1 Mission post-docking news conference with senior NASA and JAXA officials	1:40 a.m.
2 a.m.		2 a.m.
2:30 a.m.		2:30 a.m.
3 a.m.	New Horizon Documentary	3 a.m.
3:30 a.m.		3:30 a.m.
4 a.m.	Suit Up	4 a.m.
4:30 a.m.	Advancing Technology and Science Through Flight	4:30 a.m.
5 a.m.	ESA: Earth from Space	5 a.m.
5:30 a.m.	5 Things That Changed Weather Forecasting Forever	5:30 a.m.
6 a.m.	New Horizon Documentary	6 a.m.
6:30 a.m.		6:30 a.m.
7 a.m.	The Earth Extended Edition	7 a.m.
7:30 a.m.		7:30 a.m.
8 a.m.	300 Feet to the Moon	8 a.m.
8:30 a.m.	How Failure Helps Us Succeed: The Agony & Inspiration Of Defeat	8:30 a.m.
9 a.m.		9 a.m.
9:30 a.m.	NASAX	9:30 a.m.
10 a.m.	New Horizon Documentary	10 a.m.
10:30 a.m.		10:30 a.m.
11 a.m.	ESA: Earth from Space	11 a.m.
11:30 a.m.	5 Things That Changed Weather Forecasting Forever	11:30 a.m.
12 p.m.	The John Glenn Story	12 p.m.
12:30 p.m.	NASA Science Live: Rising Sea Levels	12:30 p.m.
1 p.m.	The Earth Extended Edition	1 p.m.
1:30 p.m.		1:30 p.m.
2 p.m.	How Failure Helps Us Succeed: The Agony & Inspiration Of Defeat	2 p.m.
2:30 p.m.		2:30 p.m.
3 p.m.	NASAX -Setting the Standards for Unmanned Aircraft	3 p.m.
3:30 p.m.	ESA: Earth from Space	3:30 p.m.
4 p.m.	New Horizon Documentary	4 p.m.
4:30 p.m.		4:30 p.m.
5 p.m.	Replay - NASA Science Live: Rising Sea Levels	5 p.m.
5:30 p.m.	Advancing Technology and Science Through Flight	5:30 p.m.
6 p.m.	The Earth Extended Edition	6 p.m.
6:30 p.m.		6:30 p.m.
7 p.m.	How Failure Helps Us Succeed: The Agony & Inspiration Of Defeat	7 p.m.
7:30 p.m.		7:30 p.m.
8 p.m.	Replay - NASA Science Live: Rising Sea Levels	8 p.m.
8:30 p.m.	300 Feet to the Moon	8:30 p.m.
9 p.m.	New Horizon Documentary	9 p.m.
9:30 p.m.		9:30 p.m.
10 p.m.	The Earth Extended Edition	10 p.m.
10:30 p.m.		10:30 p.m.
11 p.m.	Suit Up	11 p.m.
11:30 p.m.	Advancing Technology and Science Through Flight	11:30 p.m.

NASA TV Daily Program Schedule

Wednesday - 11/18/2020

Eastern Daylight Time

12 a.m.	Orion Crew Module Cone Panel	12 a.m.
12:30 a.m.	Ocean Worlds: The Search for Life	12:30 a.m.
1 a.m.	Hubble - Eye in the Sky miniseries	1 a.m.
1:30 a.m.	The Time of Apollo	1:30 a.m.
2 a.m.	Why an NFL Quarterback Interned at NASA	2 a.m.
2:30 a.m.	Friendship 7 Documentary	2:30 a.m.
3 a.m.		3 a.m.
3:30 a.m.	Orion Crew Module Cone Panel	3:30 a.m.
4 a.m.	Ocean Worlds: The Search for Life	4 a.m.
4:30 a.m.	Hubble - Eye in the Sky miniseries	4:30 a.m.
5 a.m.	The Time of Apollo -Program	5 a.m.
5:30 a.m.	Why an NFL Quarterback Interned at NASA	5:30 a.m.
6 a.m.	Remembering the Space Shuttle Program	6 a.m.
6:30 a.m.	Orion Crew Module Cone Panel	6:30 a.m.
7 a.m.	Ocean Worlds: The Search for Life	7 a.m.
7:30 a.m.	Hubble - Eye in the Sky miniseries	7:30 a.m.
8 a.m.	The Time of Apollo	8 a.m.
8:30 a.m.	Coverage of the ISS Expedition 64 Russian Spacewalk #47 (Sergey Ryzhikov, Sergey Kud-Sverchkov; spacewalk scheduled to begin at 9:30 a.m. EST and will last around six hours)	8:30 a.m.
9 a.m.		9 a.m.
9:30 a.m.		9:30 a.m.
10 a.m.		10 a.m.
10:30 a.m.		10:30 a.m.
11 a.m.		11 a.m.
11:30 a.m.		11:30 a.m.
12 p.m.		12 p.m.
12:30 p.m.		12:30 p.m.
1 p.m.		1 p.m.
1:30 p.m.		1:30 p.m.
2 p.m.		2 p.m.
2:30 p.m.		2:30 p.m.
3 p.m.	Hubble - Eye in the Sky miniseries	3 p.m.
3:30 p.m.	The Time of Apollo -Program	3:30 p.m.
4 p.m.	NASA STEM Stars: Lead Project Scientist Part 1 - James Webb Space Telescope	4 p.m.
4:30 p.m.	Orion Crew Module Cone Panel	4:30 p.m.
5 p.m.	NASA EDGE: Apollo, Challenger, Columbia, Lessons Learned Program	5 p.m.
5:30 p.m.	Pass The Torque - NASA Administrator Jim Bridenstine	5:30 p.m.
6 p.m.	Hubble - Eye in the Sky miniseries	6 p.m.
6:30 p.m.	The Time of Apollo	6:30 p.m.
7 p.m.	Orion Crew Module Cone Panel	7 p.m.
7:30 p.m.	Ocean Worlds: The Search for Life	7:30 p.m.
8 p.m.	NASA STEM Stars: Lead Project Scientist Part 1 - James Webb Space Telescope	8 p.m.
8:30 p.m.	The Time of Apollo	8:30 p.m.
9 p.m.	Friendship 7 Documentary	9 p.m.
9:30 p.m.		9:30 p.m.
10 p.m.	NASA EDGE: Apollo, Challenger, Columbia, Lessons Learned Program	10 p.m.
10:30 p.m.	Pass The Torque - NASA Administrator Jim Bridenstine	10:30 p.m.
11 p.m.	Ocean Worlds: The Search for Life	11 p.m.
11:30 p.m.	Hubble - Eye in the Sky miniseries	11:30 p.m.

NASA TV Daily Program Schedule

Thursday - 11/19/2020

Eastern Daylight Time

12 a.m.	Bridge to Space	12 a.m.
12:30 a.m.	ESA: Meet the Experts	12:30 a.m.
1 a.m.	"Behind the Spacecraft Series" - Meet NASA's Shannon Statham, Sentinel-6 Michael Freilich System Integration Test Engineer	1 a.m.
1:30 a.m.	The John Glenn Story	1:30 a.m.
2 a.m.	Astrobiology in the Field	2 a.m.
2:30 a.m.	Cape Canaveral's Historic Hanger	2:30 a.m.
3 a.m.	ISS Benefits for Humanity	3 a.m.
3:30 a.m.	Quest for Space - The Von Braun Story	3:30 a.m.
4 a.m.		4 a.m.
4:30 a.m.		4:30 a.m.
5 a.m.	Bridge to Space	5 a.m.
5:30 a.m.	ESA: Meet the Experts	5:30 a.m.
6 a.m.	"Behind the Spacecraft Series" - Meet NASA's Shannon Statham, Sentinel-6 Michael Freilich System Integration Test Engineer	6 a.m.
6:30 a.m.	The John Glenn Story	6:30 a.m.
7 a.m.	Astrobiology in the Field	7 a.m.
7:30 a.m.	Cape Canaveral's Historic Hanger	7:30 a.m.
8 a.m.	ISS Benefits for Humanity	8 a.m.
8:30 a.m.	Bridge to Space	8:30 a.m.
9 a.m.	How Do You Make a Picture of a Galaxy? : Ask the Astronomers Live!	9 a.m.
9:30 a.m.		9:30 a.m.
9:55 a.m.	ISS Expedition 64 Crew News Conference (Kate Rubins, Mike Hopkins, Victor Glover, Shannon Walker, Soichi Noguchi)	9:55 a.m.
10:30 a.m.	ESA: Meet the Experts	10:30 a.m.
11 a.m.	"Behind the Spacecraft Series" - Meet NASA's Shannon Statham, Sentinel-6 Michael Freilich System Integration Test Engineer	11 a.m.
11:30 a.m.	The John Glenn Story	11:30 a.m.
12 p.m.	Astrobiology in the Field	12 p.m.
12:30 p.m.	Cape Canaveral's Historic Hanger	12:30 p.m.
1 p.m.	ISS Benefits for Humanity	1 p.m.
1:30 p.m.	Quest for Space - The Von Braun Story	1:30 p.m.
2 p.m.		2 p.m.
2:30 p.m.		2:30 p.m.
3 p.m.	Bridge to Space	3 p.m.
3:30 p.m.	Replay - ISS Expedition 64 Crew News Conference (Kate Rubins, Mike Hopkins, Victor Glover, Shannon Walker, Soichi Noguchi)	3:30 p.m.
4 p.m.	How Do You Make a Picture of a Galaxy? : Ask the Astronomers Live!	4 p.m.
4:30 p.m.		4:30 p.m.
5 p.m.	Astrobiology in the Field	5 p.m.
5:30 p.m.	Cape Canaveral's Historic Hanger	5:30 p.m.
6 p.m.	"Behind the Spacecraft Series" - Meet NASA's Shannon Statham, Sentinel-6 Michael Freilich System Integration Test Engineer	6 p.m.
6:30 p.m.	Quest for Space - The Von Braun Story	6:30 p.m.
7 p.m.		7 p.m.
7:30 p.m.		7:30 p.m.
8 p.m.	How Do You Make a Picture of a Galaxy? : Ask the Astronomers Live!	8 p.m.
8:30 p.m.		8:30 p.m.
9 p.m.	Replay - ISS Expedition 64 Crew News Conference (Kate Rubins, Mike Hopkins, Victor Glover, Shannon Walker, Soichi Noguchi)	9 p.m.
9:30 p.m.	Astrobiology in the Field	9:30 p.m.
10 p.m.	Cape Canaveral's Historic Hanger	10 p.m.
10:30 p.m.	ISS Benefits for Humanity	10:30 p.m.
11 p.m.	Bridge to Space	11 p.m.
11:30 p.m.	The John Glenn Story	11:30 p.m.

NASA TV Daily Program Schedule

Friday - 11/20/2020

Eastern Daylight Time

12 a.m.	B-Line to Space- The Scientific Balloon Story	12 a.m.
12:30 a.m.	Countdown to Mars: A Story of Perseverance	12:30 a.m.
1 a.m.	Explorations of the Planets - 1971	1 a.m.
1:30 a.m.	Seeds of Discovery	1:30 a.m.
2 a.m.	Orion Flight Test-1	2 a.m.
2:30 a.m.	Mission Control	2:30 a.m.
3 a.m.		3 a.m.
3:30 a.m.	Pass The Torque - Commercial Partnerships - Maxars Laurie Chappell	3:30 a.m.
4 a.m.	Countdown to Mars: A Story of Perseverance	4 a.m.
4:30 a.m.	Wildfires	4:30 a.m.
5 a.m.	B-Line to Space- The Scientific Balloon Story	5 a.m.
5:30 a.m.	ESA: Earth from Space	5:30 a.m.
6 a.m.	Explorations of the Planets - 1971	6 a.m.
6:30 a.m.	Seeds of Discovery	6:30 a.m.
7 a.m.	Orion Flight Test-1	7 a.m.
7:30 a.m.	Mission Control	7:30 a.m.
8 a.m.		8 a.m.
8:30 a.m.	Wildfires	8:30 a.m.
9 a.m.	B-Line to Space- The Scientific Balloon Story	9 a.m.
9:30 a.m.	Orion Flight Test-1	9:30 a.m.
10 a.m.	Countdown to Mars: A Story of Perseverance	10 a.m.
10:30 a.m.	ESA: Earth from Space	10:30 a.m.
11 a.m.	Explorations of the Planets - 1971	11 a.m.
11:30 a.m.	Seeds of Discovery	11:30 a.m.
12 p.m.	Orion Flight Test-1	12 p.m.
12:30 p.m.	Mission Control	12:30 p.m.
1 p.m.		1 p.m.
1:30 p.m.	Man at the Moon	1:30 p.m.
2 p.m.		2 p.m.
2:30 p.m.	B-Line to Space- The Scientific Balloon Story	2:30 p.m.
3 p.m.	Countdown to Mars: A Story of Perseverance	3 p.m.
3:30 p.m.	Sentinel-6 Michael Freilich Mission Science Briefing	3:30 p.m.
4 p.m.		4 p.m.
4:30 p.m.		4:30 p.m.
5 p.m.	Sentinel-6 Michael Freilich Launch Readiness Briefing Podcast and NASA Flight Engineer Kate Rubins	5 p.m.
5:30 p.m.		5:30 p.m.
6 p.m.		6 p.m.
6:30 p.m.	"Behind the Spacecraft Series" - Meet NASA's Shannon Statham, Sentinel-6 Michael Freilich System Integration Test Engineer	6:30 p.m.
7 p.m.	"Behind the Spacecraft Series" - Meet NASA's Severine Fournier, Sentinel-6 Michael Freilich Sea Level Rise Scientist	7 p.m.
7:30 p.m.	NASA Edge: Sentinel-6 Michael Freilich Rollout	7:30 p.m.
8 p.m.	"Behind the Spacecraft Series" - Meet NASA's Parag Vaze, Sentinel-6 Michael Freilich Project Manager	8 p.m.
8:30 p.m.	"Behind the Spacecraft Series" - Meet NASA's Shailen Desai, Sentinel-6 Michael Freilich Measurement System Engineer	8:30 p.m.
9 p.m.	"Behind the Spacecraft Series" - Meet NASA's Ben Hamlington, Sentinel-6 Michael Freilich Research Scientist	9 p.m.
9:30 p.m.	Replay of the Sentinel-6A/Jason-CS renaming ceremony	9:30 p.m.
10 p.m.		10 p.m.
10:30 p.m.	Briefing on Launch of Sentinel-6 Michael Freilich Satellite	10:30 p.m.
11 p.m.		11 p.m.
11:30 p.m.		11:30 p.m.

NASA TV Daily Program Schedule

Saturday - 11/21/2020		
Eastern Daylight Time		
12 a.m.	Replay - ISS Expedition 64 Crew News Conference (Kate Rubins, Mike Hopkins, Victor Glover, Shannon Walker, Soichi Noguchi)	12 a.m.
12:30 a.m.	Replay - Sentinel-6 Michael Freilich Mission Science Briefing	12:30 a.m.
1 a.m.		1 a.m.
1:30 a.m.		1:30 a.m.
2 a.m.		2 a.m.
2:30 a.m.		2:30 a.m.
3 a.m.	Replay - ISS Expedition 64 Crew News Conference (Kate Rubins, Mike Hopkins, Victor Glover, Shannon Walker, Soichi Noguchi)	3 a.m.
3:30 a.m.	"Behind the Spacecraft Series" - Meet NASA's Shannon Statham, Sentinel-6 Michael Freilich System Integration Test Engineer	3:30 a.m.
4 a.m.	"Behind the Spacecraft Series" - Meet NASA's Severine Fournier, Sentinel-6 Michael Freilich Sea Level Rise Scientist	4 a.m.
4:30 a.m.	"Behind the Spacecraft Series" - Meet NASA's Parag Vaze, Sentinel-6 Michael Freilich Project Manager	4:30 a.m.
5 a.m.	"Behind the Spacecraft Series" - Meet NASA's Shailen Desai, Sentinel-6 Michael Freilich Measurement System Engineer	5 a.m.
5:30 a.m.	"Behind the Spacecraft Series" - Meet NASA's Ben Hamlington, Sentinel-6 Michael Freilich Research Scientist	5:30 a.m.
6 a.m.	Replay - Sentinel-6 Michael Freilich Launch Readiness Briefing	6 a.m.
6:30 a.m.		6:30 a.m.
7 a.m.		7 a.m.
7:30 a.m.	Replay of the Sentinel-6A/Jason-CS renaming ceremony	7:30 a.m.
8 a.m.		8 a.m.
8:30 a.m.	Replay - ISS Expedition 64 Crew News Conference (Kate Rubins, Mike Hopkins, Victor Glover, Shannon Walker, Soichi Noguchi)	8:30 a.m.
9 a.m.	Replay - Sentinel-6 Michael Freilich Mission Science Briefing	9 a.m.
9:30 a.m.		9:30 a.m.
10 a.m.	Replay - Sentinel-6 Michael Freilich Launch Readiness Briefing	10 a.m.
10:30 a.m.		10:30 a.m.
11 a.m.		11 a.m.
11:45 a.m.	Launch Coverage: Sentinel-6 Michael Freilich Mission (Launch at 12:17 p.m. EST)	11:45 a.m.
12 p.m.		12 p.m.
12:30 p.m.		12:30 p.m.
1 p.m.	Seeds of Discovery	1 p.m.
1:30 p.m.	Orion Flight Test-1	1:30 p.m.
2 p.m.	Mission Control	2 p.m.
2:30 p.m.		2:30 p.m.
3 p.m.	Replay of Launch Coverage: Sentinel-6 Michael Freilich Missio	3 p.m.
3:30 p.m.	Seeds of Discovery	3:30 p.m.
4 p.m.	Orion Flight Test-1	4 p.m.
4:30 p.m.	New Horizon Documentary	4:30 p.m.
5 p.m.		5 p.m.
5:30 p.m.	NASA Science Live: Our Next Solar Cycle	5:30 p.m.
6 p.m.	Bridge to Space	6 p.m.
6:30 p.m.	Replay of Launch Coverage: Sentinel-6 Michael Freilich Missio	6:30 p.m.
7 p.m.	The Space Shuttle (Narrated by William Shatner)	7 p.m.
7:30 p.m.		7:30 p.m.
8 p.m.		8 p.m.
8:30 p.m.	B-Line to Space- The Scientific Balloon Story	8:30 p.m.
9 p.m.	ESA: Earth from Space	9 p.m.
9:30 p.m.	Replay of Launch Coverage: Sentinel-6 Michael Freilich Missio	9:30 p.m.
10 p.m.	Seeds of Discovery	10 p.m.
10:30 p.m.	Orion Flight Test-1	10:30 p.m.
11 p.m.	Mission Control	11 p.m.
11:30 p.m.		11:30 p.m.

	Sunday - 11/22/2020	
Eastern Daylight Time		
12 a.m.	ESA: Earth from Space	12 a.m.
12:30 a.m.	5 Things That Changed Weather Forecasting Forever	12:30 a.m.
1 a.m.	The Earth Extended Edition	1 a.m.
1:30 a.m.		1:30 a.m.
2 a.m.	300 Feet to the Moon	2 a.m.
2:30 a.m.	NASA Science Live - Science in the Time of Coronavirus	2:30 a.m.
3 a.m.	Explorer-1	3 a.m.
3:30 a.m.		3:30 a.m.
4 a.m.	Stennis Space Center Virtual Tour	4 a.m.
4:30 a.m.	NASA eClips: Real World	4:30 a.m.
5 a.m.	Space Down to Earth	5 a.m.
5:30 a.m.	First Light - Chandra	5:30 a.m.
6 a.m.	Way Station to Space: The History of Stennis Space Center	6 a.m.
6:30 a.m.	Within This Decade America in Space	6:30 a.m.
7 a.m.	Replay of Launch Coverage: Sentinel-6 Michael Freilich Missio	7 a.m.
7:30 a.m.	Quest for Space - The Von Braun Story	7:30 a.m.
8 a.m.		8 a.m.
8:30 a.m.		8:30 a.m.
9 a.m.	Orion Crew Module Cone Panel	9 a.m.
9:30 a.m.	Ocean Worlds: The Search for Life	9:30 a.m.
10 a.m.	Hubble - Eye in the Sky miniseries	10 a.m.
10:30 a.m.	The Time of Apollo -Program	10:30 a.m.
11 a.m.	Why an NFL Quarterback Interned at NASA	11 a.m.
11:30 a.m.	Friendship 7 Documentary	11:30 a.m.
12 p.m.		12 p.m.
12:30 p.m.	ESA: Earth from Space	12:30 p.m.
1 p.m.	Replay of Launch Coverage: Sentinel-6 Michael Freilich Missio	1 p.m.
1:30 p.m.	The Earth Extended Edition	1:30 p.m.
2 p.m.		2 p.m.
2:30 p.m.	300 Feet to the Moon	2:30 p.m.
3 p.m.	NASA Science Live - Science in the Time of Coronavirus	3 p.m.
3:30 p.m.	Explorer-1	3:30 p.m.
4 p.m.		4 p.m.
4:30 p.m.	Stennis Space Center Virtual Tour	4:30 p.m.
5 p.m.	NASA eClips: Real World	5 p.m.
5:30 p.m.	Space Down to Earth	5:30 p.m.
6 p.m.	First Light - Chandra	6 p.m.
6:30 p.m.	Way Station to Space: The History of Stennis Space Center	6:30 p.m.
7 p.m.	Within This Decade America in Space	7 p.m.
7:30 p.m.	Replay of Launch Coverage: Sentinel-6 Michael Freilich Missio	7:30 p.m.
8 p.m.	Quest for Space - The Von Braun Story	8 p.m.
8:30 p.m.		8:30 p.m.
9 p.m.		9 p.m.
9:30 p.m.	Orion Crew Module Cone Panel	9:30 p.m.
10 p.m.	Ocean Worlds: The Search for Life	10 p.m.
10:30 p.m.	Hubble - Eye in the Sky miniseries	10:30 p.m.
11 p.m.	The Time of Apollo	11 p.m.
11:30 p.m.	Why an NFL Quarterback Interned at NASA	11:30 p.m.